



Docket No.: 0465-1137P  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Sang Min HONG et al.

Application No.: 10/761,413

Confirmation No.: 3316

Filed: January 22, 2004

Art Unit: 3744

For: AIR CONDITIONER

Examiner: W. E. Tapolcai

**AMENDMENT AFTER FINAL ACTION UNDER 37 C.F.R. 1.116**

MS AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**INTRODUCTORY COMMENTS**

In response to the Office Action dated October 14, 2005, please amend the above-identified application as follows:

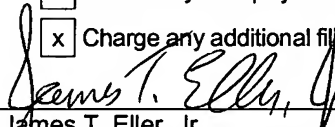
**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks/Arguments** begin on page 7 of this paper.

01/13/2006 HALI11 00000141 10761413

01 FC:1201

200.00 OP

| <b>AMENDMENT TRANSMITTAL LETTER</b>  |   |   |                                   | Docket No.<br>0465-1137P |                 |
|--|---|---|-----------------------------------|--------------------------|-----------------|
| Application No.<br>10/761,413-Conf. #3316  | Filing Date<br>January 22, 2004           | Examiner<br>W. E. Tapolcai              | Art Unit<br>3744                  |                          |                 |
| Applicant(s): Sang Min HONG et al.   |   |   |                                   |                          |                 |
| Invention: AIR CONDITIONER   |   |   |                                   |                          |                 |
| <b>MS AF</b><br><b>Commissioner for Patents</b><br><b>P.O. Box 1450</b><br><b>Alexandria, VA 22313-1450</b><br><br>Transmitted herewith is an amendment in the above-identified application.<br>The fee has been calculated and is transmitted as shown below. |   |   |                                   |                          |                 |
| <b>CLAIMS AS AMENDED</b>   |   |   |                                   |                          |                 |
|  | Claims<br>Remaining<br>After<br>Amendment | Highest<br>Number<br>Previously<br>Paid | Number<br>Extra Claims<br>Present | Rate                     |                 |
| <b>Total Claims</b>  | 20  | - 20 =                                  |                                   | x                        |                 |
| <b>Independent<br/>Claims</b>  | 5   | - 4 =                                   | 1                                 | x 200.00                 | 200.00          |
| <b>Multiple Dependent Claims (check if applicable)</b> <input type="checkbox"/>  |   |   |                                   |                          |                 |
| <b>Other fee (please specify):</b>   |   |   |                                   |                          |                 |
| <b>TOTAL ADDITIONAL FEE FOR THIS AMENDMENT:</b>  |   |   |                                   |                          | <b>\$200.00</b> |
| <input checked="" type="checkbox"/> Large Entity <span style="margin-left: 200px;"><input type="checkbox"/> Small Entity</span>  |   |   |                                   |                          |                 |
| <input type="checkbox"/> No additional fee is required for this amendment.   |   |   |                                   |                          |                 |
| <input type="checkbox"/> Please charge Deposit Account No. _____ in the amount of \$ _____.<br>A duplicate copy of this sheet is enclosed.   |   |   |                                   |                          |                 |
| <input checked="" type="checkbox"/> A check in the amount of \$ 200.00 to cover the filing fee is enclosed.  |   |   |                                   |                          |                 |
| <input type="checkbox"/> Payment by credit card. Form PTO-2038 is attached.  |   |   |                                   |                          |                 |
| <input checked="" type="checkbox"/> The Director is hereby authorized to charge and credit Deposit Account No. 02-2448<br>as described below. A duplicate copy of this sheet is enclosed.  |   |   |                                   |                          |                 |
| <input checked="" type="checkbox"/> Credit any overpayment.  |   |   |                                   |                          |                 |
| <input checked="" type="checkbox"/> Charge any additional filing or application processing fees required under 37 CFR 1.16 and 1.17.   |   |   |                                   |                          |                 |
| <br>James T. Eller, Jr.<br>Attorney Reg. No.: 39,538  |   |   |                                   | Dated: January 12, 2006  |                 |
| BIRCH, STEWART, KOLASCH & BIRCH, LLP<br>8110 Gatehouse Road<br>Suite 100 East<br>P.O. Box 747<br>Falls Church, Virginia 22040-0747<br>(703) 205-8000   |   |   |                                   |                          |                 |



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PTO/SB/17 (2-04v2)  
Approved for use through 7/31/2006. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

| Effective on 12/08/2004.<br>Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818). |  | Complete if Known    |                        |
|---|--|----------------------|------------------------|
| <b>FEE TRANSMITTAL</b><br><b>For FY 2005</b>  |  | Application Number   | 10/761,413-Conf. #3316 |
|   |  | Filing Date          | January 22, 2004       |
|   |  | First Named Inventor | Sang Min HONG          |
|   |  | Examiner Name        | W. E. Tapolcai         |
|   |  | Art Unit             | 3744                   |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27                      |  | Attorney Docket No.  | 0465-1137P             |
| <b>TOTAL AMOUNT OF PAYMENT</b>  |  | <b>(\$)</b>          | <b>200.00</b>          |

**METHOD OF PAYMENT** (check all that apply)

☒ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): \_\_\_\_\_

☐ Deposit Account Deposit Account Number: 02-2448 Deposit Account Name: Birch, Stewart, Kolasch & Birch, LLP

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee

☒ Charge any additional fee(s) or underpayment of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments

**FEE CALCULATION**

**1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

| Application Type | FILING FEES |                       | SEARCH FEES |                       | EXAMINATION FEES |                       | Fees Paid (\$) |
|------------------|-------------|-----------------------|-------------|-----------------------|------------------|-----------------------|----------------|
|                  | Fee (\$)    | Small Entity Fee (\$) | Fee (\$)    | Small Entity Fee (\$) | Fee (\$)         | Small Entity Fee (\$) |                |
| Utility          | 300         | 150                   | 500         | 250                   | 200              | 100                   |                |
| Design           | 200         | 100                   | 100         | 50                    | 130              | 65                    |                |
| Plant            | 200         | 100                   | 300         | 150                   | 160              | 80                    |                |
| Reissue          | 300         | 150                   | 500         | 250                   | 600              | 300                   |                |
| Provisional      | 200         | 100                   | 0           | 0                     | 0                | 0                     |                |

**2. EXCESS CLAIM FEES**

| Fee Description                                    | Fee (\$) | Small Entity Fee (\$) |
|--|----------|-----------------------|
| Each claim over 20 (including Reissues)            | 50       | 25                    |
| Each independent claim over 3 (including Reissues) | 200      | 100                   |
| Multiple dependent claims                          | 360      | 180                   |

| Total Claims  | Extra Claims | Fee (\$) | Fee Paid (\$) | Multiple Dependent Claims |
|---------------|--------------|----------|---------------|---------------------------|
| 20            | - 20 =       | x        | =             | Fee (\$)                  |
| Indep. Claims | Extra Claims | Fee (\$) | Fee Paid (\$) | Fee Paid (\$)             |
| 5             | - 4 =        | 1        | x 200.00 =    | 200.00                    |

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

| Total Sheets | Extra Sheets | Number of each additional 50 or fraction thereof | Fee (\$)                       | Fee Paid (\$) |
|--------------|--------------|--|--------------------------------|---------------|
|              | - 100 =      | /50  | (round up to a whole number) x | =             |

**4. OTHER FEE(S)**

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): \_\_\_\_\_

|                     |                            |                                   |                  |
|---------------------|----------------------------|-----------------------------------|------------------|
| <b>SUBMITTED BY</b> |                            |                                   |                  |
| Signature           | <u>James T. Eller, Jr.</u> | Registration No. (Attorney/Agent) | 39,538           |
| Name (Print/Type)   | James T. Eller, Jr.        | Telephone                         | (703) 205-8000   |
|                     |                            | Date                              | January 12, 2006 |